

Executive Says June 2023

Hello to everyone and summer is upon us as we found out on Monday June 29th up at YQT for the HeliAx and Antenna replacement. Bugs were out in full force and the sun was a scorcher just to make things that much more interesting. We had short notice for the install date so we had to finalize everything the day before the climb as past offers from volunteers seemed to have evaporated. Westower had to do the job over two days because the old heliAx was snaked through the tower around other infrastructure and removal was left for day 2. The replacement heliAx and antenna were installed on day 1 only to find out that the PA on the repeater had failed so we are new MOU with CKPR we are only grant-hours on week days when they have some- cordingly, a replacement PA will be go up again with Engineering Personnel goes out to VE3XET, VE3WRL, guess myself VE3OPD for a job well very happy to work with us and the new from CKPR was on site with us. We were cussions about our club equipment at the followed going forward. VE3TBR has great concerns but we did have to take the pending the installation of cooling fans on cabinet. A very unhealthy amount of heat cabinet and we all know that heat will electronic components. We have now se- fans that will make a considerable differ- A note to everyone that when the node is

**LARC
Pre-Summer
Celebration
Thursday
June 8th at 1830
Chicago Joes
In the
Victoria Inn**

TBR just ID and jump right in to have a QSO, its that simple. We will be having a demonstration of the Allstarlink at the June club meeting to answer any questions about using the node but so far only one local user has asked about the procedures for using the network. Pretty quiet on TBR and the repeaters in general. Just be mindful that there is a delay when using the Allstarlink so a brief pause after your initial PTT is required to prevent drop outs. Bruce VE3BV was back through town on the way home from BC. Wolfgang VE3WGE and myself met Bruce and his wife for supper and gave some gifts of supplies for his club and the other clubs that have assisted with our TBR upgrade. The supper we had for Bruce in April and the letter of appreciation from the LARC will be featured in the next issue of TCA. Once again thanks goes out to Bruce and everyone who has assisted with the TBR project. Speaking of thanks, a big thank you to everyone who assisted with the 10 mile road race VE3WRL, VE3XET, VE3RRP, VE3ZU and John Sacek VA3JMS for organizing. A problem was identified with hand held coverage from Fort William to TBR and this will be looked at asap. As of yet we do not have our receive sensitivity figures at the site through the duplexer. When able we will bring the required test equipment to TBR to see what we are working with. Many other things going on that needed the attention of the executive. It does not look like there will be a Field Day event this year put on by the club. There has not been any interest shown or volunteers offering to assist. This has been discussed at past meetings and posted in HiQ with negative results. On the note we are also looking for a volunteer for the nominating committee and at some point the books need to be audited. We did get the briefcase returned but we still do not have all of the club log in credentials nor has the Incorporation Seal Stamp been returned. The executive has been assisting Wolfgang VE3WGE with the books and any cash on hand has been deposited to the club account. The mailbox has been renewed but the Zoom account shared with SAO will be coming due in July. Thats about it and I look forward to the next in person club meeting June 8th at Chicago Joes. There will be a Power Point and Allstarlink Demonstration. Apparently there will be some awesome door prizes as well. Safe summer to everyone and enjoy the awesome hf bands with cycle 25 that is now predicted to peak in 2024.

Sincerely

LARC Executive

LARC SENATE

Dave Kimpton VE3AVS
Lindo Scalese VE3NHX
Terry Stewardson VA3LU
Ed Baumann VE3SNW

LARC EXECUTIVE

President - Resigned

**Acting President James St Cyr
VE3OPD**

Secretary Resigned

Treasure Resigned

Director Axel Rehfuhs VE3OPF

Director Wayne Letang VE3WRL

Director Resigned

Director John Plumridge VE3FMT

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2023

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. . Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to hqnewsletter@gmail.com

Amethyst District Auxiliary Communications Service Providing emergency communications for Northwestern Ontario

This is a list of the ACS frequencies in order of preference, number 1 being the first choice, if that frequency is in use or not working as in a repeater, then number 2 is the next choice, and so on,,,,,,,,,

VHF

1. 147.060- VE3YQT (MT.BALDY)
2. 147.390+ VE3BGA PL107.2 (LOCH LOMOND)
3. 146.820- VE3TBR PL107.2 (ST.JOSEPH HERITAGE)
4. SIMPLEX 146.520 > 146.580 > 146.550

HF

RAC ACS Canadian National Emergency Frequencies

1. 80M 3.675MHz LSB designated as ALPHA
2. 40M 7.135MHz LSB designated as BRAVO
3. 20M 14.135MHz USB designated as CHARLIE

Nets and Exercises

Wednesdays at 8 PM ET (2000hrs) 0000UTC on frequency 3.675MHz LSB (80 Metres)

We have four different net control operators across NWO. At the end of check in's we try and do some sort of exercise, winlink P2P, JS8 CALL, passing messages. Everyone is encouraged to check in, even if you are not an ACS or LARC member.



Firefighters 10 Mile Road Race

The 87th annual Fire fighters 10 mile race returned after the 2 year absence, with over 500 runners, and 24 relay teams participating.

Special thanks to the following operators

Mile 1/9 : Chris VA3ZU

Mile 2/8: Eric VE3XET

Mile 4/6: Wayne VA3WRL

Mile 5: Karl VA3RRP

Volunteer Co-ordinator John VA3JMS

Digital QRM Project announced.

The Northern California DX Foundation recognizes the negative aspect deliberate QRMers are having on our hobby. We believe this is a problem that can be mitigated by applying amateur operators' vast knowledge and receiving tools to good use. In order to spur research into solving the problem the NCDXF Board of Director's at their latest Board meeting allocated \$100,000 to help develop solutions. NCDXF will entertain grant proposals from individuals and/or groups that specifically outline their approach to identify bad actors. A group of directors led by Craig Thompson K9CT and Don Greenbaum N1DG will weigh the probability of success of these proposals as well as monitor the progress of the grantees. Funding is available for R & D as well as implementation of the technology. It is hoped that manufacturers will also assist us with equipment and resources. NCDXF will shortly outline specifics for how to apply for these grants.

-- twitter feed of DX World.net



Yukon 125th Anniversary Special Prefix

Amateurs in Yukon are authorized to use the special prefix of XO1 replacing VY1 for the month of June 2023 to recognize the 125th anniversary of the Yukon Territory.

Application from VY1EWB

-- IC website

RAC Canada Day Contest, July 01, 2023

Each year on July 1, the anniversary of Canada's Confederation, Radio Amateurs of Canada sponsors the Canada Day Contest and Amateurs all over the world are invited to Canada's Birthday Party on the air.

Contest Period: 0000 UTC to 2359 UTC on Saturday, July 1.

Bands and Modes: 160, 80, 40, 20, 15, 10, 6 and 2 metres, CW and phone (SSB, FM, AM, etc.)

Exchange: Stations in Canada send RS(T) and province or territory.

VEØs and stations outside Canada send RS(T) and a serial number.

QSOs: You may work any station once on each of the two modes, on each of the eight contest bands. Contacts or soliciting QSOs through a repeater during the contest period is not allowed.

Multipliers: Thirteen in total, Canada's 10 provinces and three territories. Each multiplier may be counted once on each mode on each of the eight contest bands.

Final Score: The QSO points from all bands multiplied by the total number of multipliers from all bands.

Categories: All categories are designed to be multi-mode, Phone and CW categories except for the two single operator single mode categories.

Please check the RAC website for full rules to the RAC Canada Day Contest

-- Bart Ritchie, VE5CPU – RAC Canada Day Contest Manager

2023 Field Day is just 3 weeks away, on June 24 - 25

It's the most popular on-the-air event held annually in the US and Canada. More than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill, and service to our communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills, all in a single event. Field Day has been an annual event since 1933. While some treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It's an excellent opportunity to demonstrate how amateur radio might serve in an emergency, as well as how it can help the general public with special events. The main focus of Field Day is to contact as many stations as possible on the 160 thru 10-meter HF bands, all bands on 50 MHz and above, and to learn to operate in abnormal situations in less than optimal conditions.

Remember to check out <http://www.arrl.org/field-day> for the official rules.

-- ARRL newsletter

Although the executive has chosen to not sponsor Field Day this year, that does not prevent you from participating as a single operator or getting together with a bunch of your buddies. If you do, snap some pics and send me a note for the September HI-Q ed



Proud to be involved in a year full of achievements!

Where to begin, creating a space for the technical committee to meet, have a place to repair, design stuff, and brainstorm. Using the same space, for Mr. Baumann to share his knowledge, the knowledge that was shared, resulted in over 5 hams earning their Advanced Licenses (Congratulations, not an easy achievement).

Trying something new for a Christmas meeting, having a dinner meeting turned out to be a great success with a full house and the club receiving over \$500 in donations. Watching a true team of somewhat strangers, taking a bunch of boxes, stringing some wires together to make these boxes talk to each other, resulting in a New Repeater, feedline, and antenna for the VE3TBR site which also allows worldwide access thanks to a donated internet connection. Thank you to everyone that helped get this project done as quickly as it did, now everyone can enjoy it, hopefully for years to come.

Heliax! Yes, when I joined the LARC in 1985, one of the first meetings I remember, evolved around Heliax and YQT. After listening to discussions about Heliax back then at almost every club meeting it was great to see that after almost 2 years the club changed out the Heliax at YQT. Even though it feels like only a few years have gone by, more like 36 years, it was like flash back that we are spending meeting after meeting discussion Heliax for YQT. Thank God this time a decision was reached fairly quickly and soon VE3YQT will be a great long-distance repeater again. Not that I plan on leaving this earth anytime soon, but I hope this was the last time that I hear Heliax YQT and replacement in the same sentence.

As you can see, it has been a year full of achievements and I am proud that the membership had given me the opportunity to be part of this journey as a director of the Lakehead Amateur Radio Club. I hope everyone has a great and safe summer with a lot of DX and hopefully by September we will have a regular meeting space again.

73 de Axel VE3OPF

Tech Committee Minutes

In Attendance: James, Wolfgang, Kevin, Axel, Lindo

Guest: Wayne, Chris

Regrets: Absent: Randy, Terry

Start: 18:10

Repeater Updates

YQT: Westower changed out the antenna and heliax. Turns out the temporary antenna was fine, the PA on the repeater was not working. Turns out Terry has a spare PA for YQT, which he tested, and the PA checked OK. This repair may take a few weeks, as access to the repeater site is very limited. So, stay tuned.

UPP: No News; things must be working.

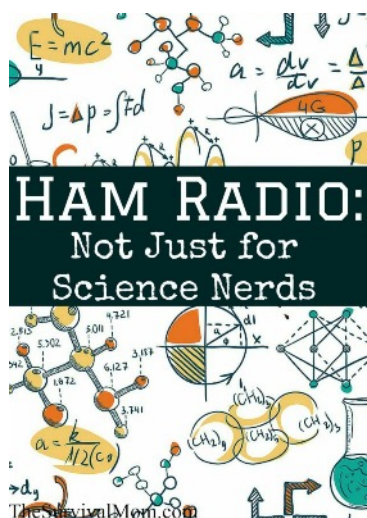
BGA: Must be working OK, no complaints heard. Rumour has it that bigger and better things are in-store for BGA. Stay tuned to find out more as things develop.... Hint: IRLP

TBR: The repeater is up and running, subject to some fine tuning and awaiting some new cooling fans. Come to the June LARC meeting at Chicago Joe's to get a demonstration of the AllStar link Network which is attached to the TBR repeater.

New Business: No New Business was tabled, as we are heading into the summer break. Come September, the Technical Committee members can then develop a plan for the 23/24 season. Until then good DX and use our repeaters.

Next Meeting: Tuesday, September 5, 2023 from 18:00 – 20:00 in person, location to be determined; watch Slack for details under: technical-committee lounge.
Meeting adjourned: 19:02

73 de VE3OPF



The Sun on June 5th 2023

